

93184/00016

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of  
KENNETH ABEND

Serial No. 10/327,265

Confirmation No. 1096

Filed: December 26, 2002

For: TRANSMITTER PATTERNS  
FOR MULTI BEAM RECEPTION

Group Art Unit: 3737

Examiner: Unassigned

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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Dear Sir:

In accordance with the provisions of 37 C.F.R. §§ 1.97 and 1.98, applicant and his attorney respectfully request that the following U.S. patents and published patent applications be made of record in the official United States Patent and Trademark Office file relating to the above-identified patent application. The citation of these patents and patent applications should not be construed as an admission that they constitute statutory prior art with respect to the present invention.

U.S. Patent Nos.

5,460,180  
6,682,488  
5,787,049  
5,406,163  
5,278,757  
6,186,949  
5,722,412  
6,080,107  
5,944,666  
6,228,031  
5,817,024

U.S. Patent Application Publication Nos.

2004/0267127\*  
2005/0004461\*  
2005/0124885\*  
2004/0254468\*  
2002/0151790\*  
2005/0004464\*

\* -- Designates an application that is commonly owned by the owner of the present application.

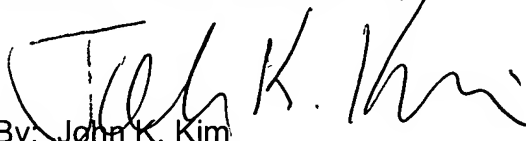
All of the above-listed references are in the English language. In such circumstances, comments concerning the relevance of the foregoing references are considered unnecessary.

In order to facilitate the Examiner's citation of the patents and publications listed above, applicant's attorney has completed United States Patent and Trademark Office Form PTO/SB/08 (formerly PTO-1449). The completed Form is attached hereto for the Examiner's convenience.

No fees are believed to be due in connection with the submission of this Information Disclosure Statement. If any such fees are due, the Examiner is hereby authorized to charge them to Deposit Account No. 503571.

Respectfully Submitted,

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PTO/SB/08A (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

**Complete if Known**

Application Number	10/327,265
Filing Date	12/20/2002
First Named Inventor	Kenneth Abend
Art Unit	3737
Examiner Name	Unassigned
Attorney Docket Number	93184-00016

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 5,460,180	10/24/1995	Klepper, et al.	
		US- 6,682,488	01/27/2004	Abend	
		US- 5,787,049	07/28/19981	Bates	
		US- 5,406,163	04/11/1995	Carson, et al.	
		US- 5,278,757	01/11/1994	Hector, et al.	
		US- 6,186,949	02/13/2001	Hatfield, et al.	
		US- 5,722,412	03/03/1998	Pflugrath, et al.	
		US- 6,080,107	06/27/2000	Poland	
		US- 5,944,666	08/31/1999	Hossack, et al.	
		US- 6,228,031	05/08/2001	Hwang, et al.	
		US- 5,817,024	10/06/1998	Ogle, et al.	
		US- 2004/0267127	12/30/2004	Abend, et al.	
		US- 2005/0004461	01/06/2005	Abend	
		US- 2005/0124885	06/09/2005	Abend, et al.	
		US- 2004/0254468	12/10/2004	Herzog, et al.	
		US- 2002/0151790	10/17/2002	Abend	
		US- 2005/0004464	01/06/2005	Miller	
		US-			
		US-			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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